

AMENDMENTS TO THE CLAIMS:

1-12. (Cancelled)

13. (Currently amended) A method to control the delivery of messages in a telecommunications network using data that are assigned to a subscriber account and a terminal or the identification chip connected to it, the method comprising:

transmitting these assigned data, entirely or in part, approximately synchronously to additional terminals assigned to this subscriber or identification chips connected thereto;

assigning a common paging number to multiple terminals of the subscriber in a database, wherein the database is set up in a central SS7 routing function, paging control system, and/or in a swapped routing function, signaling element;

assigning the data to at least one subscriber profile that can be changed by the subscriber at the terminal via a central administration function; and

enabling the subscriber to activate the telecommunications network service features associated with a terminal or with the identification chip connected to it using a terminal and using conventional functions such that this profile change acts synchronously on the service features of other terminals or identification chips connected thereto assigned to the subscriber that are stored in the network in that the profile of the terminal is queried during the paging step and this profile is applied in selecting the active paging terminal when paging is being done to one or more of the connected terminals.

14. (Previously presented) The method according to claim 13, wherein at least one
2 network function/application is assigned to each terminal of the subscriber.

15. (Previously presented) The method according to claim 13, wherein if a query
2 is started by a paging/short message center to deliver a message under the common
number for all of the subscriber's terminals, the central SS7 routing function or the
4 swapped routing function of the network translates the common number to the paging
number that is assigned to the target terminal and/or the network function/application in
6 real time dynamically, wherein the paging number can be different for different network
functions/applications.

16. (Currently Amended) The method according to claim 14, wherein if a query is
2 started by a paging/short message center to deliver a message under the common number
for all of the subscriber's terminals, the central ~~SS7~~ SS7 routing function or the swapped
4 routing function of the network translates the common number to the paging number that
is assigned to the target terminal and/or the network function/application in real time
6 dynamically, wherein the paging number can be different for different network
functions/applications.

17. (Previously presented) The method according to claim 13, and further
2 comprising:
determining the subscriber's contact information and the subscriber profile in a
4 mobility/profile database when a message arrives;

translating the number sought from the common number to a terminal-specific
6 paging number in the central SS7 routing function; and
sending the message out to the corresponding paging number.

18. (Previously presented) The method according to claim 14, and further
2 comprising:
determining the subscriber's contact information and the subscriber profile in a
4 mobility/profile database when a message arrives;
translating the number sought from the common number to a terminal-specific
6 paging number in the central SS7 routing function; and
sending the message out to the corresponding paging number.

19. (Previously presented) The method according to claim 15, and further
2 comprising:
determining the subscriber's contact information and the subscriber profile in a
4 mobility/profile database when a message arrives;
translating the number sought from the common number to a terminal-specific
6 paging number in the central SS7 routing function; and
sending the message out to the corresponding paging number.

20. (Previously presented) The method according to claim 19, and further
2 comprising:

determining, when a message arrives, the subscriber's contact information and the
4 subscriber profile in the mobility/profile database;
forwarding the query from the mobility/profile database to the signaling element
6 with the aid of an operation code or a routing database;
determining that the number sought is translated in the signaling element from the
8 common number to one paging number per application accordingly using the address of a
transmitting network element and swapped databases; and
10 determining that the message is sent out to the corresponding paging number.

21. (Previously presented) The method according to claim 13, and further
2 comprising making a delivery status entry in a mobility/profile database in connection
with the paging number.

22. (Previously presented) The method according to claim 14, and further
2 comprising making a delivery status entry in a mobility/profile database in connection
with the paging number.

23. (Previously presented) The method according to claim 15, and further
2 comprising making a delivery status entry in a mobility/profile database in connection
with the paging number.

24. (Previously presented) The method according to claim 17, and further
- 2 comprising making a delivery status entry in the mobility/profile database in connection with the paging number.

25. (Previously presented) The method according to claim 20, and further
- 2 comprising making a delivery status entry in the mobility/profile database in connection with the paging number.

26. (Previously presented) The method according to claim 13, wherein the
- 2 changes made by the subscriber are copied to a central routing database, to mobility/profile databases, and to swapped databases.

27. (Previously presented) The method according to claim 14, wherein the
- 2 changes made by the subscriber are copied to a central routing database, to mobility/profile databases, and to swapped databases.

28. (Previously presented) The method according to claim 15, wherein the
- 2 changes made by the subscriber are copied to a central routing database, to mobility/profile databases, and to swapped databases.

29. (Previously presented) The method according to claim 17, wherein the
- 2 changes made by the subscriber are copied to a central routing database, to mobility/profile databases, and to swapped databases.

30. (Previously presented) The method according to claim 20, wherein the
2 changes made by the subscriber are copied to a central routing database, to
mobility/profile databases, and to swapped databases.

31. (Previously presented) The method according to claim 13, and further
2 comprising setting up whitelisting databases for one-time activation/deactivation of the
method by writing call number lists into a central routing database or writing operation
4 codes into the central routing database, depending on the configuration of the network.

32. (Previously presented) The method according to claim 14, and further
2 comprising setting up whitelisting databases for one-time activation/deactivation of the
method by writing call number lists into a central routing database or writing operation
4 codes into the central routing database, depending on the configuration of the network.

33. (Previously presented) The method according to claim 15, and further
2 comprising setting up whitelisting databases for one-time activation/deactivation of the
method by writing call number lists into a central routing database or writing operation
4 codes into the central routing database, depending on the configuration of the network.

34. (Previously presented) The method according to claim 17, and further
2 comprising setting up whitelisting databases for one-time activation/deactivation of the
method by writing call number lists into a central routing database or writing operation
4 codes into the central routing database, depending on the configuration of the network.

35. (Previously presented) The method according to claim 20, and further
2 comprising setting up whitelisting databases for one-time activation/deactivation of the
method by writing call number lists into a central routing database or writing operation
4 codes into the central routing database, depending on the configuration of the network.

36. (Previously presented) The method according to claim 21, and further
2 comprising setting up whitelisting databases for one-time activation/deactivation of the
method by writing call number lists into a central routing database or writing operation
4 codes into the central routing database, depending on the configuration of the network.

37. (Previously presented) The method according to claim 26, and further
2 comprising setting up whitelisting databases for one-time activation/deactivation of the
method by writing call number lists into a central routing database or writing operation
4 codes into the central routing database, depending on the configuration of the network.

38. (Previously presented) The method according to claim 13, and further
2 comprising:
executing, each time a query is made at the central SS7 routing function, a
4 whitelisting function using a whitelisting database; and
performing a check to see whether any translation of the common number to the
6 paging number can occur.

39. (Previously presented) The method according to claim 15, and further
2 comprising:
executing, each time a query is made at the central SS7 routing function, a
4 whitelisting function using a whitelisting database; and
performing a check to see whether any translation of the common number to the
6 paging number can occur.

40. (Previously presented) The method according to claim 13, and further
2 comprising:
executing, each time a query is made at the signaling element, a whitelisting
4 function using a whitelisting database; and
performing a check to see whether any translation of the common number to the
6 paging number can occur.

41. (Previously presented) The method according to claim 15, and further
2 comprising:
executing, each time a query is made at the signaling element, a whitelisting
4 function using a whitelisting database; and
performing a check to see whether any translation of the common number to the
6 paging number can occur.

42. (Previously presented) The method according to claim 13, wherein changes to
2 the paging terminal determined by the subscriber result in signaling of a simulated

successful delivery such that all outstanding, waiting paging messages are forced to the
4 new paging terminal as fast as possible and such that the paging step is repeated
approximately synchronously for outstanding messages.

43. (Previously presented) The method according to claim 15, wherein changes to
2 the paging terminal determined by the subscriber result in signaling of a simulated
successful delivery such that all outstanding, waiting paging messages are forced to the
4 new paging terminal as fast as possible and such that the paging step is repeated
approximately synchronously for outstanding messages.

44. (Currently amended) An arrangement of system components of a
2 telecommunication network to carry out ~~the method according to claim 13~~ a method to
control the delivery of messages in a telecommunications network using data that are
4 assigned to a subscriber account and a terminal or the identification chip connected to it,
the arrangement comprising:
6 means for transmitting these assigned data, entirely or in part, approximately
synchronously to additional terminals assigned to this subscriber or identification chips
8 connected thereto;
means for assigning a common paging number to multiple terminals of the
10 subscriber in a database, wherein the database is set up in a central SS7 routing function,
paging control system, and/or in a swapped routing function, signaling element;
12 means for assigning the data to at least one subscriber profile that can be changed
by the subscriber at the terminal via a central administration function;

14 means for enabling the subscriber to activate the telecommunications network
service features associated with a terminal or with the identification chip connected to it
16 using a terminal and using conventional functions such that this profile change acts
synchronously on the service features of other terminals or identification chips connected
18 thereto assigned to the subscriber that are stored in the network in that the profile of the
terminal is queried during the paging step and this profile is applied in selecting the active
20 paging terminal when paging is being done to one or more of the connected terminals;
databases and data processing units designed such that distribution of service
22 feature data assigned to individual subscribers is made possible; and
a routing function, swapped from the telecommunications network, in the form of
24 a signaling element, the signaling element being connected to a central routing function,
and databases being located in the signaling element and/or the central routing function.

45. (Currently amended) ~~An~~ The arrangement of system components of a
2 ~~telecommunication network to carry out the method according to claim 15~~ 44, the
~~arrangement comprising:~~
4 ~~databases and data processing units designed such that distribution of service~~
~~feature data assigned to individual subscribers is made possible; and~~
6 ~~a routing function, swapped from the telecommunications network, in the form of~~
~~a signaling element, the signaling element being connected to a central routing function;~~
8 ~~and databases being located in the signaling element and/or the central routing function.~~
wherein if a query is started by a paging/short message center to deliver a message
10 under the common number for all of the subscriber's terminals, the central SS7 routing

- function or the swapped routing function of the network translates the common number to
- 12 the paging number that is assigned to the target terminal and/or the network
- function/application in real time dynamically, wherein the paging number can be different
- 14 for different network functions/applications.